(c) generating a library of genetic packages each having a surface and a surface protein expressed on said surface, said surface protein including a variant protein binding domain expressed by said variant DNA sequence;

wherein at step (b) said variant nucleic acids are added from a series of discrete pools of nucleic acids, and at least one of said pools is biased in favor of selecting a nucleic acid of the corresponding position of the parental nucleic acid.

The invention also teaches a library as described above, wherein said at least one pool of nucleic acids is biased in favor of selecting said corresponding parental nucleic acid by preparing a dNTP solution having an excess of said corresponding parental nucleic acid as compared to other nucleic acids.

The invention also teaches a library as described above, wherein said library is a phage library.

The invention also teaches a library as described above, wherein said binding domain is an immunoglobulin binding domain.--

IN THE CLAIMS

Please cancel claims 21 to 88 without prejudice.

Please substitute the following amended claims for the corresponding claims of record. A copy of the amended claims showing the requested revisions is attached.

7.   (Amended) A library according to claim 5, wherein a substantial proportion of said variants have a CDR3 that is 18 to 28 amino acids in length.

8.   (Amended) A library according to claim 5, wherein a substantial proportion of said variants have a CDR3 that is 20 to 25 amino acids in length.

19.   (Amended) A library according to claim 4, wherein said parental ligand binding